



## NTN Bearing Rolamentos do Brasil Ltda.

55 mm x 90 mm x 18 mm NTN  
6011LLUC3/L627 Single row deep groove ball  
bearings

Bearing No. 6011LLUC3/L627

d	55 mm
D	90 mm
B	18 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.39 kg
Dynamic load, C	28.3 kN
Static load, C0	21.2 kN
Fatigue limit load, Cu	0.96 kN
f0	15.3
Nlim (grease)	4,500 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic inner ring frequency, BPF1	7.42 Hz
da min	61.5 mm
da max	64 mm
Da max	83.5 mm

6011LLUC3/L627 Bearing 2D drawings and 3D CAD  
models



## NTN Bearing Rolamentos do Brasil Ltda.

ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
EAN	0692314825341
Weight / US pound	0.855
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Contact Seal
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	55MM Bore; 90MM Outside Diameter; 18MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C3-Loose Internal Clearance; Steel Cage; C
Other Features	Deep Groove   Double Lip Friction Nitrile Rubber Seal   -20 To 120 Deg C   Prelubricated
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball



## NTN Bearing Rolamentos do Brasil Ltda.

Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Weight / LBS	0.849
Outside Diameter	3.543 Inch   90 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter
Bore	2.165 Inch   55 Millimeter
Inner Race Width	0 Inch   0 Millimeter